(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



) - I COLTO CITIZONI Y CITTID (UNI BROTI COLO CITI I I ULI COLO CIDIO CITIZ CITIZ COLO CUI BROTI I GRA TURI BRO

(43) International Publication Date 26 May 2005 (26.05.2005)

PCT

(10) International Publication Number WO 2005/046905 A1

(51) International Patent Classification⁷: B30B 1/26

B21D 39/02,

(21) International Application Number:

PCT/EP2004/052954

(22) International Filing Date:

12 November 2004 (12.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: TO2003A000906

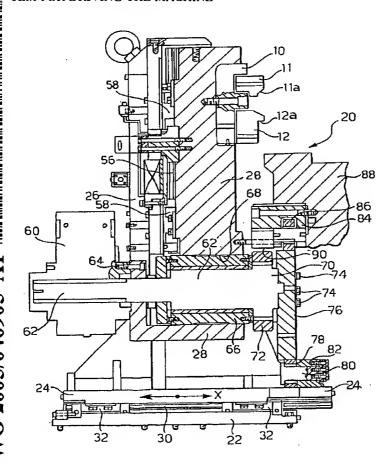
14 November 2003 (14.11.2003) IT

(71) Applicant (for all designated States except US): OL-CI S.R.L. [IT/IT]; Corso Duca degli Abruzzi 2, I-10128 Torino (IT).

- (72) Inventor; and
- (75) Inventor/Applicant (for US only): PALETTO, Carlo [IT/IT]; Via Sergio De Vitis 18, I-10094 Giaveno (IT).
- (74) Agents: RONDANO, Davide et al.; Jacobacci & Partners SpA, Corso Emilia 8, I-10152 Torino (IT).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

[Continued on next page]

(54) Title: A MACHINE FOR WORKING SHEET METAL PARTS, IN PARTICULAR A FLANGING MACHINE, AND A SYSTEM FOR DRIVING THE MACHINE



(57) Abstract: The machine (20) comprises: a movable unit (28) mounted on a supporting structure (24, 26) so that it can translate along a first working direction (Z) towards and away from a stationary workpiece-carrying structure (88); and a driving system for controlling the movement of the movable unit (28) in the working direction (Z). The driving system includes a first motor unit (60) for controlling the rotation of a driving shaft (62) and cam member (76) and a roller member (78) rotational movement of the shaft (62) into the translational movement of the movable unit (28).

WO 2005/046905 A1